

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 34 (8/22/2021- 8/28/2021)

COCONINO COUNTY
September 3, 2021



Situation Summary

MMWR Week 34 (8/22/2021-8/28/2021)

A total of 19,747 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – August 28, 2021.

Deaths: 326 (2% of cases)

Probable Deaths: 5

Recovered Cases: 18,223

(92% of cases)

Hospitalizations: 1,474

(7% of cases)

Total Fully Vaccinated: 69,569

(56.9% of the eligible population)

Cases Reported Week 34 (August 22, 2021 - August 28, 2021):

**268
Positive
Cases**

**75%
Not Fully
Vaccinated**

**189.4
Rate per
100,000**

**5.8%
Positivity
Yield**

Community Transmission

- Coconino County has a current incidence rate of **189.4 per 100,000**, percent positivity of **5.8%**, and **COVID-19-Like-Illness incidence (CLI)** of **5.0%***.
- Coconino County is currently at a **High**** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

*CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

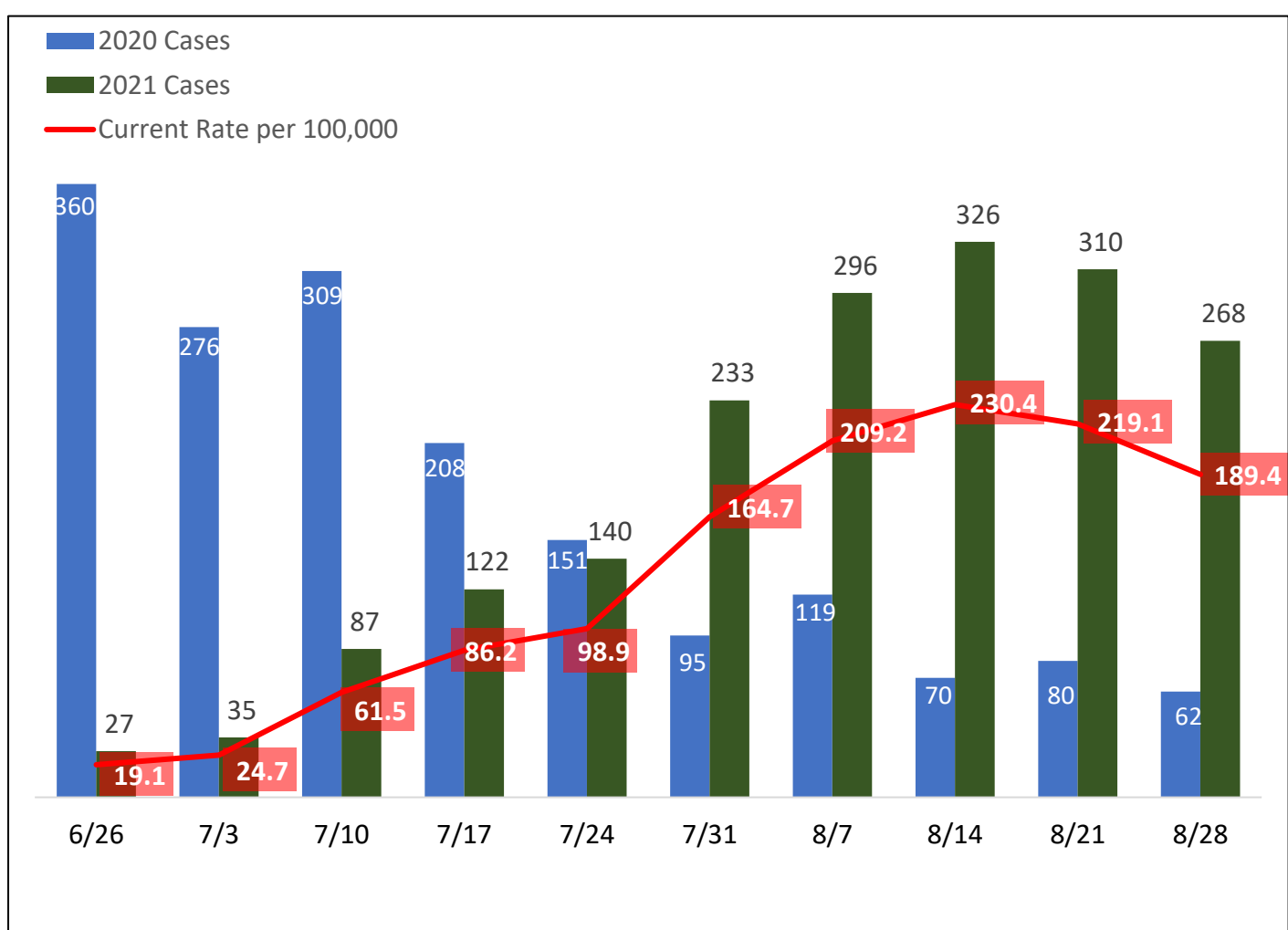
** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

Cumulative Counts (March 15, 2020 – August 28, 2021):



13,956.6 cases per 100,000 Coconino County Residents
vs.
14,141.9 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



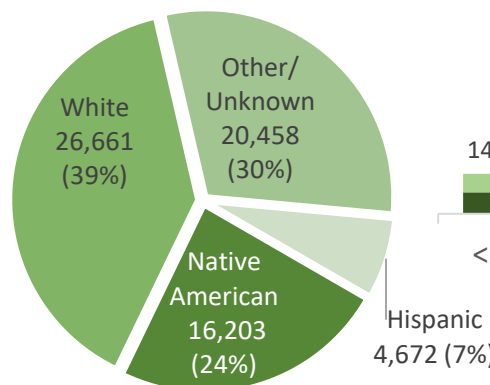
*Cases reported from 3/15/20-8/28/21

COVID-19 Situation Summary*

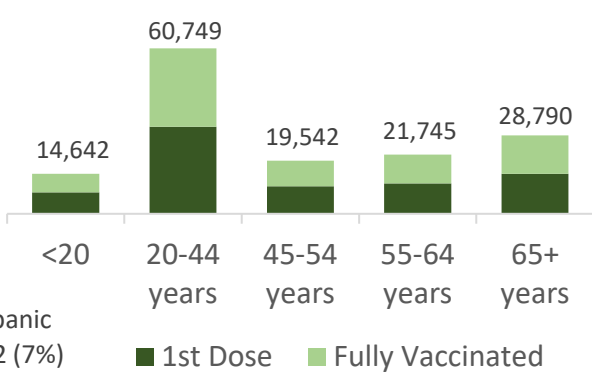
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

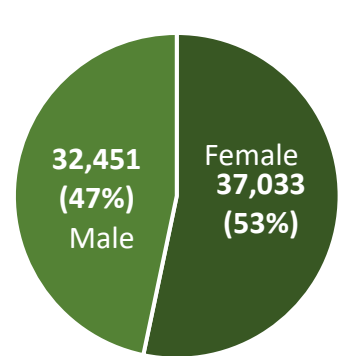
Fully Vaccinated by Race**



Vaccinations by Age

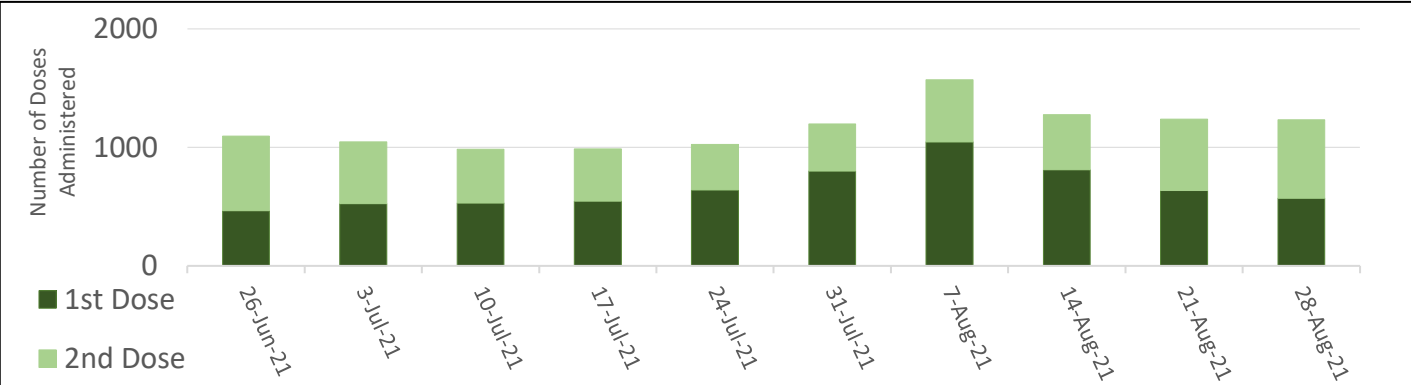


Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations:
Asian or Pacific Islander (1,074) and Black or African American (501).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	48,799	44,592	52,070
86001/86005	27,610	25,268	56,948
86004	20,286	18,511	58,773
86011	903	813	8,320

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	5,449	5,180	75,987
Tribal Communities	14,985	13,719	66,030
Williams	2,452	2,193	43,764
Grand Canyon	1,651	1,535	70,737
Other Areas	2,563	2,350	41,741


[†]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Location:

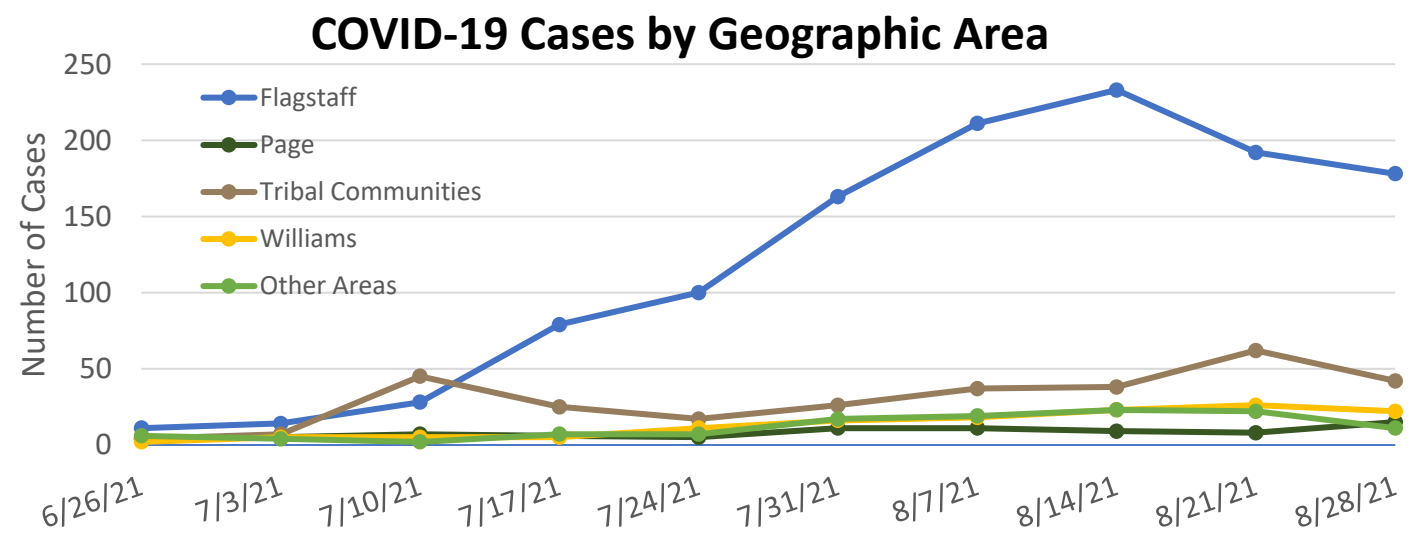
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	11,905	12,471	9.1%	44,592	52.1%
Page	1,311	17,408	16.8%	5,180	76.0%
Tribal Communities	4,916	19,968	15.3%	13,719	66.0%
Williams	722	12,678	15.4%	2,193	43.8%
Grand Canyon	236	9,299	14.0%	1,535	70.7%
Other Areas	657	11,643	12.6%	2,350	41.7%

[†]Population estimates include residents aged 10 and older.
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- Page** experienced the largest **increase in cases** from the previous week with an **88% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	4,156	10,184	11.8%	6,736	31.0%
20-44 years	9,743	18,665	11.3%	28,783	55.1%
45-54 years	2,253	15,338	12.3%	9,428	64.2%
55-64 years	1,933	11,649	10.5%	10,547	63.6%
65+ years	1,662	9,786	9.1%	14,075	82.9%

[‡]Population estimates include residents aged 12 and older.

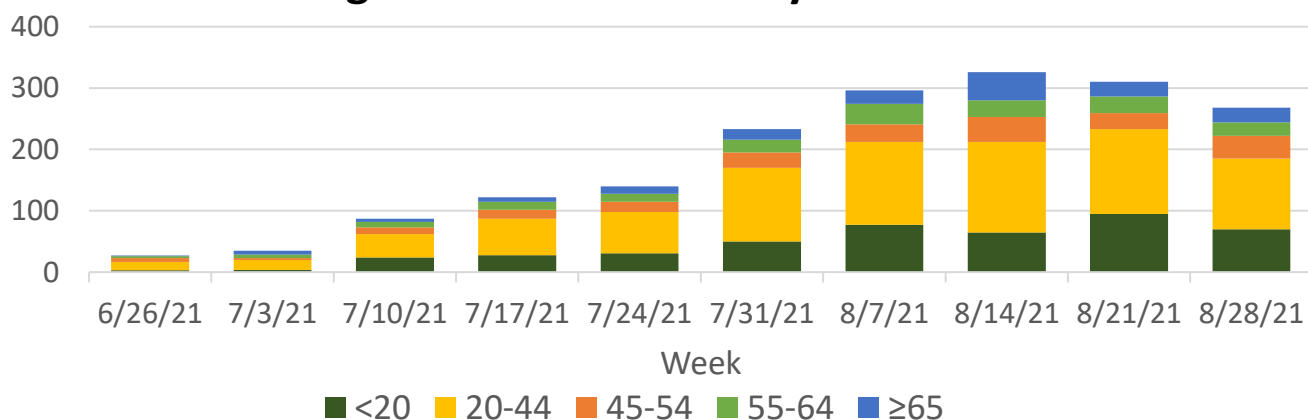
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

The median age of Coconino County COVID-19 cases is 30 years old

Key Take Away

- The highest **case incidence** for week 34 was observed among residents aged 45-54 and 20-44 with an incidence of 252 and 220 per 100,000, respectively
- The highest **positivity yield** for week 34 was observed among residents aged 45-54 and 20-44 with a positivity yield of 7.2% and 6.1%, respectively.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	7,362	20,228	16,203	48.9%
White	6,792	8,895	26,661	35.7%
Hispanic	3,153	15,820	4,672	26.3%
Black or African American	261	16,561	501	23.4%
Asian/ Pacific Island	224	7,797	1,074	34.9%
Other/ Unknown	1,955	N/A	20,458	N/A

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	10,033	14,035	10.2%	37,033	59.4%
Male	9,675	13,863	12.2%	32,451	54.2%

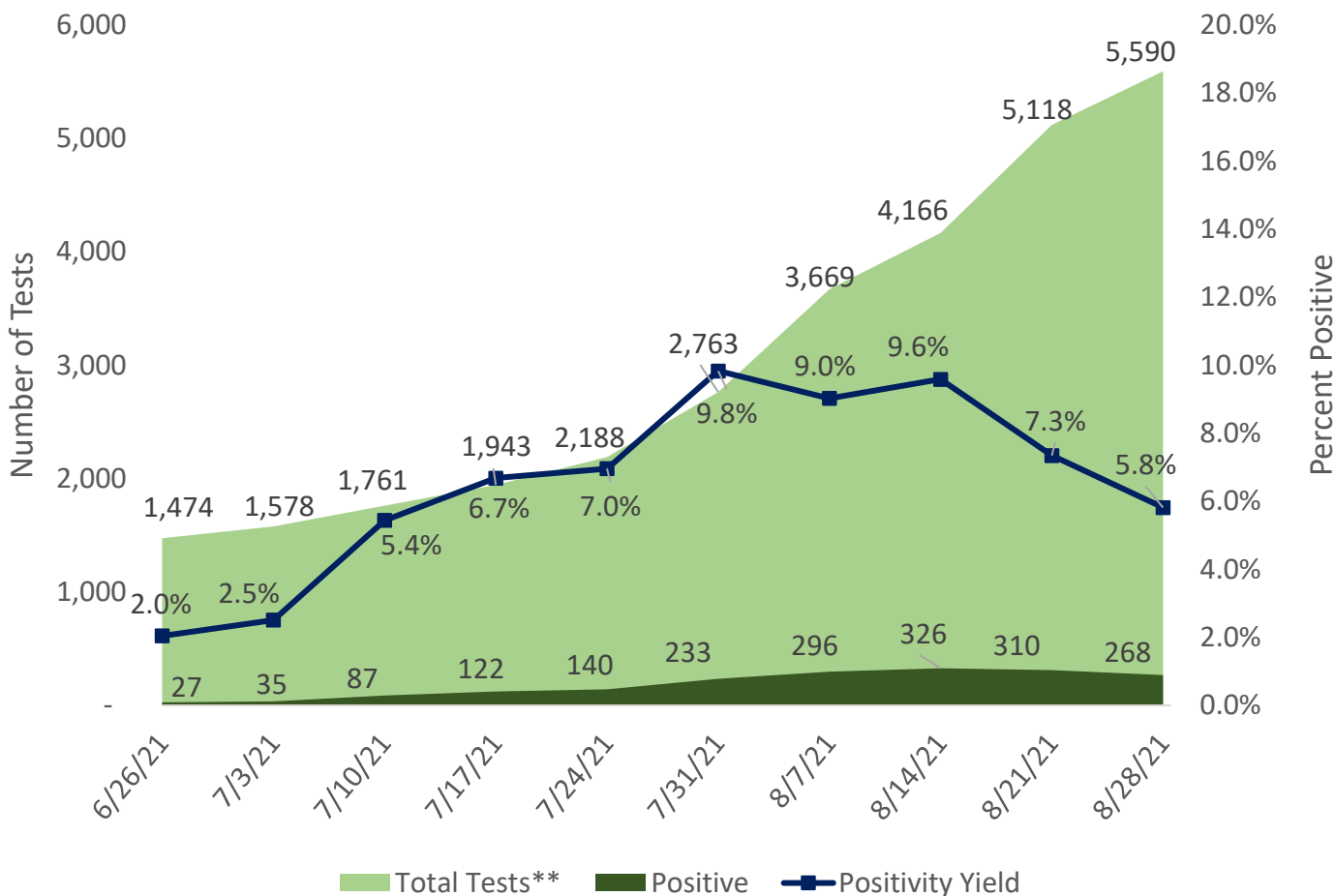
[‡] Population Estimates include residents aged 12 and older



Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 25% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 99,742 Coconino County residents have been tested.

Tests Conducted: A total of 289,860 have been conducted among Coconino County residents.

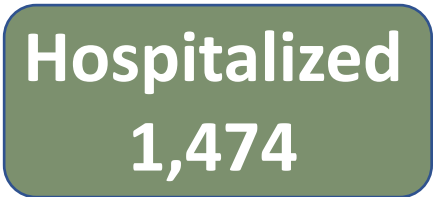
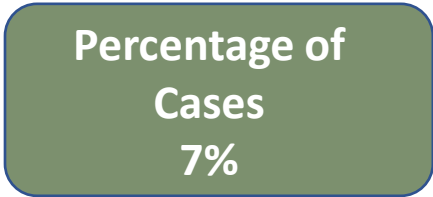
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 8,517**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

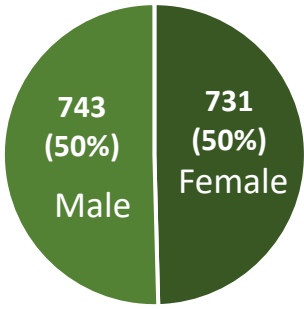
- **Currently being monitored: 217 (As of 8/28/2021)**
- **Total individuals monitored to date: 8,303**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

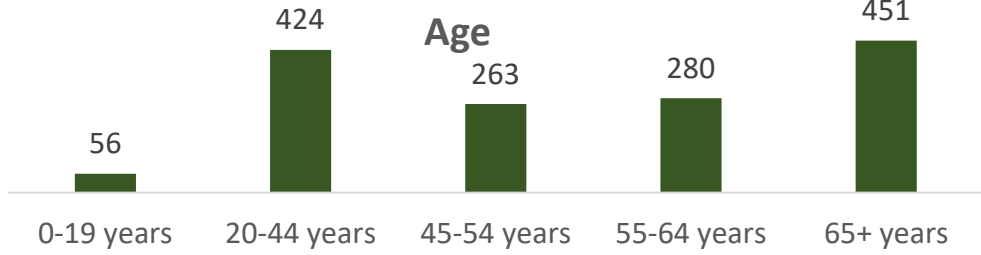


Sex



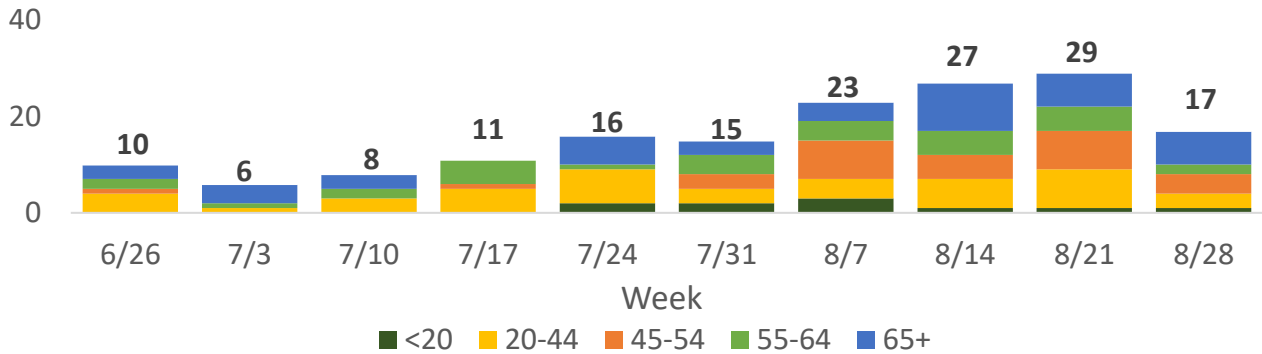
16% of hospitalized residents were in the ICU and 7% were intubated.

Hospitalized Coconino COVID-19 Patients by Age

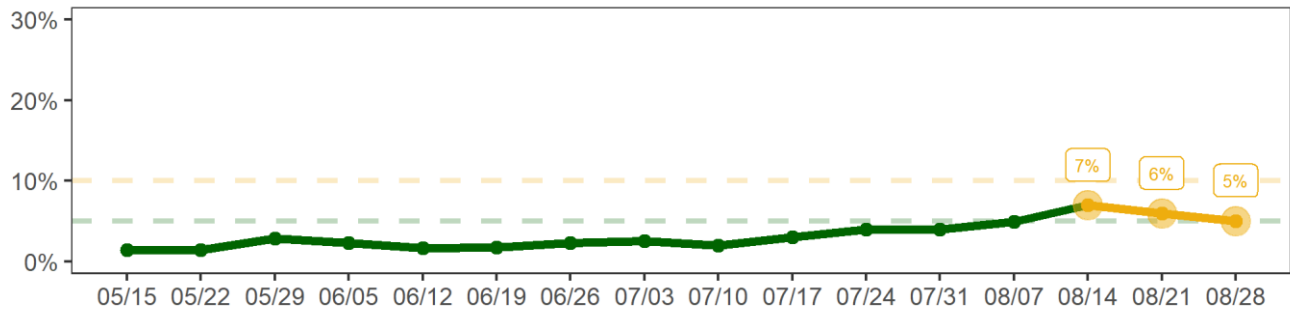


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-8/28/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

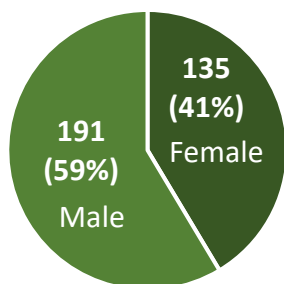
COVID-19 Related Deaths:

Percentage of
Cases
2%

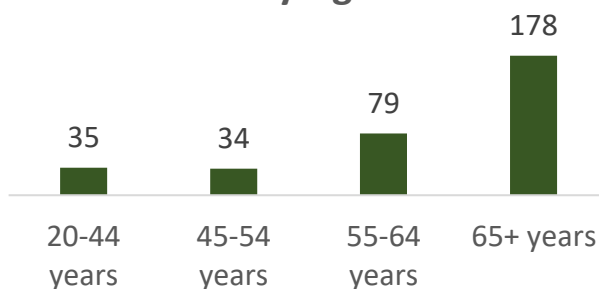
Deaths
326

Fatalities
Per 100,000
230.4

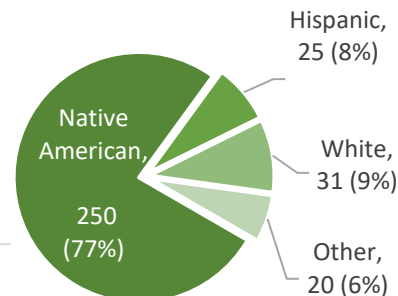
Sex



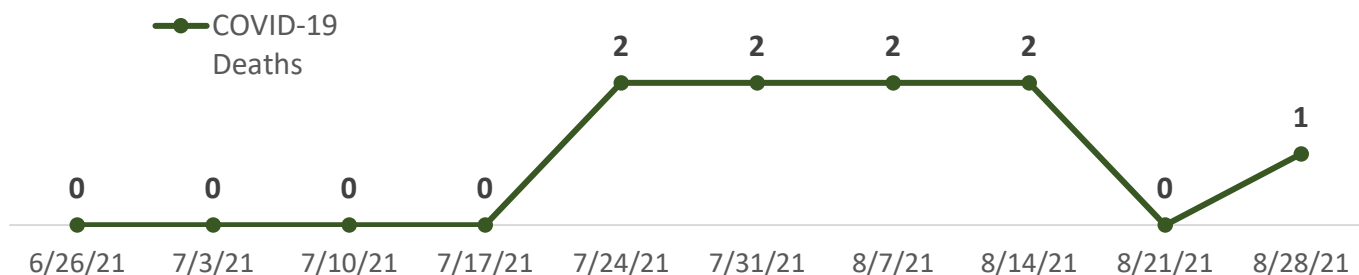
Coconino COVID-19 Deaths by Age



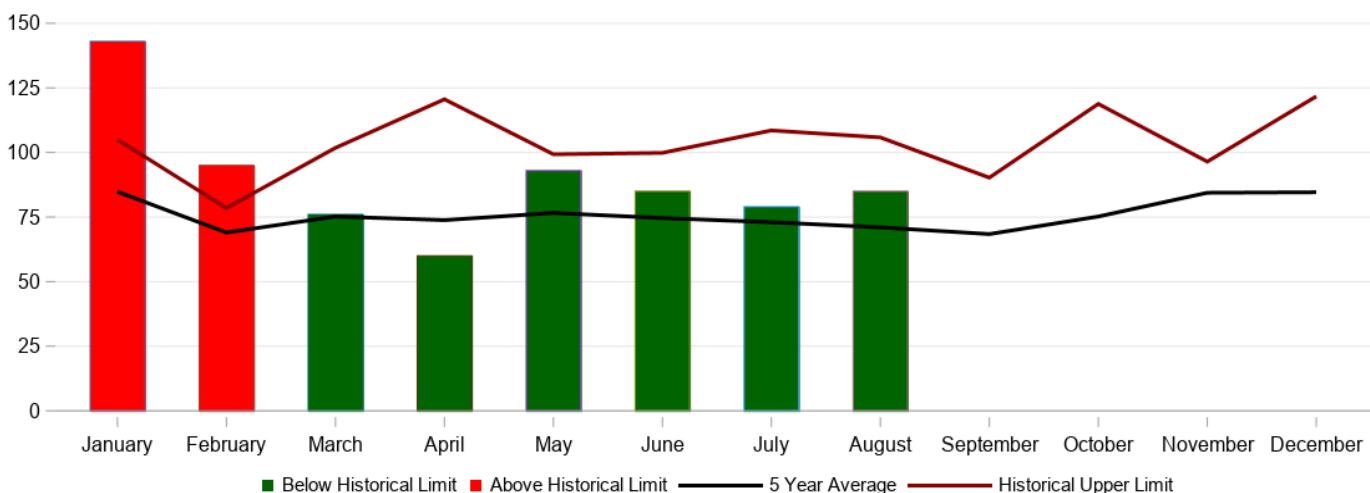
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



*Cases reported from 3/15/20-8/28/21

COVID-19 Variants:

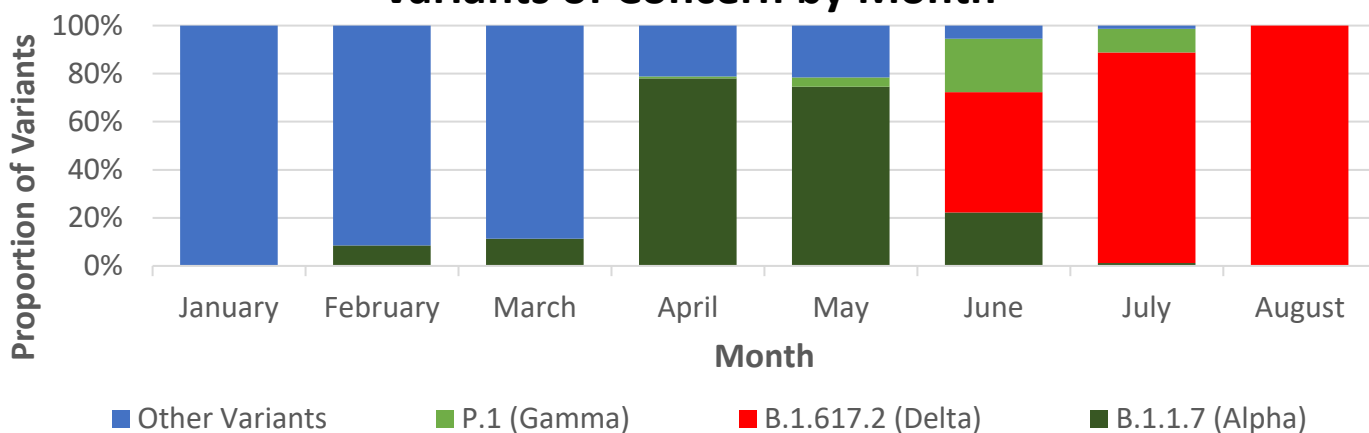
Coconino County Total Variants of Concern**



**A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.

89% of identified variants of concern are among Flagstaff residents.

Variants of Concern by Month



1,639 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions/)

For more information regarding variant testing in Arizona, please visit the TGen website:

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/az-covid-19-sequencing-dashboard/)

Vaccine Breakthrough***:

Total Vaccine Breakthrough Cases: 502

(2.5% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 68

(14% of vaccine breakthrough cases)

***Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.

*Cases reported from 3/15/20-8/28/21